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PATENT

Attorney Docket No. NIH176.001C1

Date: February 21, 2002

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Arlington, VA 22202

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Arthur Scherf, Louis H. Miller, Benoit Gamain, Dror I. Baruch, Pierre Buffet, Christine Scheidig, Jürg Gysin, Bruno Pouvelle, Nobutaka Fujii, Joseph Smith

For: IDENTIFICATION OF THE DOMAIN OF PLASMODIUM FALCIPARUM ERYTHROCYTE
MEMBRANE PROTEIN 1 (PFEMP1) THAT MEDIATES ADHESION TO CHONDROITIN SULFATE A

Enclosed are:

- (X) 3 sheet(s) of drawing.
- (X) Sequence Listing.
- (X) Sequence Listing in computer readable format.
- (X) Sequence Submission Statement.
- (X) This application is a continuation of international application number PCT/US00/24195, and claims the benefit of priority of international application number PCT/US00/24195 having international filing date of September 1, 2000, designating the United States of America and published in English, which claims the benefit of priority of U.S. provisional patent application no. 60/152,023, filed September 1, 1999; both of which are hereby expressly incorporated by reference in their entireties.
- (X) Incorporation by Reference. The entire disclosure of the prior applications are considered as being part of the disclosure of the accompanying application and is hereby expressly incorporated by reference therein.
- (X) Return prepaid postcard.

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$740	\$740
Total Claims	68 - 20 =	48 ×	\$18	\$864
Independent Claims	32 - 3 =	29 ×	\$84	\$2,436
If application contains any multiple dependent claims(s), then add			\$280	\$280
TOTAL FILING FEE		\$4,320		

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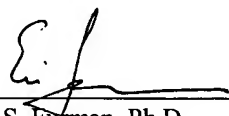
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Page 2

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- (X) A check in the amount of \$4,320 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.
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Applicant(s) : Scherf, et al.

For : IDENTIFICATION OF THE DOMAIN OF
PLASMODIUM FALCIPARUM
ERYTHROCYTE MEMBRANE PROTEIN 1
(PFEMP1) THAT MEDIATES ADHESION TO
CHONDROITIN SULFATE A

Attorney : Eric S. Furman, Ph.D.

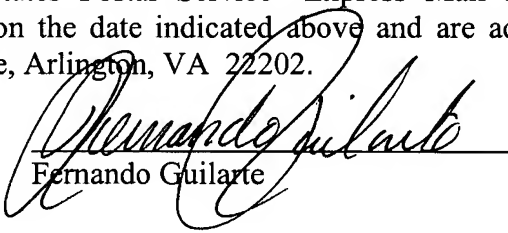
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I hereby certify that the accompanying

Transmittal letter; specification in 84 pages; 3 sheets of drawings; Sequence Listing in 18 pages; Sequence Submission Statement in 1 page; Sequence Listing in computer readable format on 1 disk; Check(s) for Filing Fee(s); Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the United States Patent and Trademark Office, Arlington, VA 22202.


Fernando Guilarte

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